

Form PTO/PTO 08A

PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET  
NO.  
97112.2617SERIAL NO.  
10/758,755APPLICANTS  
MARSDEN et al.FILING DATE  
16 January 2004GROUP ART UNIT  
2655**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
SJB		3,260,593	07/12/66	Zimmerley et al.			
SJB		3,528,784	09/15/70	Green			
SJB		3,607,235	02/23/68	Duncan et al.			
SJB		3,637,371	01/25/72	Mackiw et al.			
SJB		3,656,888	04/18/72	Barry et al.			
SJB		3,669,651	06/13/72	Spedden et al.			
SJB		3,868,440	02/25/75	Lindblad et al.			
SJB		3,896,208	07/22/75	Dubeck et al.			
SJB		3,949,051	04/06/76	Pawlek et al.			
SJB		3,958,985	05/25/76	Anderson			

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER	SJB or	DATE CONSIDERED	6-12-06
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EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
SJB		3,961,028	06/01/76	Parker et al.			
SJB		3,962,402	06/08/76	Touro			
SJB		3,985,553	10/12/76	Kunda et al.			
SJB		3,991,159	11/09/76	Quéneau et al.			
SJB		4,017,309	04/12/77	Johnson			
SJB		4,020,106	04/26/77	Ackerley et al.			
SJB		4,028,462	06/07/77	Domic et al.			
SJB		4,029,733	06/14/77	Faugeras et al.			
SJB		4,039,405	08/02/77	Wong			
SJB		4,039,406	08/02/77	Stanley et al.			
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SJB		4,046,851	09/06/77	Subramanian et al.			
SJB		4,069,119	07/17/78	Wong			
SJB		4,120,935	10/17/78	Fountain et al.			
SJB		4,150,976	04/24/79	Dain			
SJB		4,157,912	06/12/79	Weir et al.			
SJB		4,165,362	08/21/79	Reynolds			
SJB		4,256,553	03/17/81	Baczek et al.			
SJB		4,266,972	05/12/81	Redondo-Abad et al.			
SJB		4,272,341	06/09/81	Lamb			
SJB		4,338,168	07/06/82	Stanley et al.			

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SJB		4,405,569	09/20/83	Dienstbach			
SJB		4,415,540	11/15/83	Wilkomirsky et al.			
SJB		4,442,072	04/10/84	Baglin et al.			
SJB		4,507,268	03/26/85	Kordosky et al.			
SJB		4,571,264	02/18/86	Weir et al.			
SJB		4,619,814	10/28/86	Salter et al.			
SJB		4,775,413	10/04/88	Horton et al.			
SJB		4,814,007	03/21/89	Lin et al.			
SJB		4,875,935	10/24/89	Gross et al.			
SJB		4,880,607	11/14/89	Horton et al.			

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SJB		4,892,715	01/09/90	Horton			
SJB		4,895,597	01/23/90	Lin et al.			
SJB		4,971,662	11/20/90	Sawyer et al.			
SJB		4,992,200	02/12/91	Lin et al.			
SJB		5,028,259	07/02/91	Lin et al.			
SJB		5,073,354	12/17/91	Fuller et al.			
SJB		5,059,403	10/22/91	Chen			
SJB		5,176,802	01/05/93	Duyvesteyn et al.			
SJB		5,223,024	06/29/93	Jones			
SJB		5,316,567	05/31/94	Jones			

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SJB		5,356,457	10/18/94	Alvarez et al.			
SJB		5,670,035	09/23/97	Virnig et al.			
SJB		5,698,170	12/16/97	King			
SJB		5,730,776	03/24/98	Collins et al.			
SJB		5,770,170	06/23/98	Collins et al.			
SJB		5,849,172	12/15/98	Allen et al.			
SJB		5,869,012	02/09/99	Jones			
SJB		5,895,633	04/20/99	King			
SJB		5,902,474	05/11/99	Jones			
SJB		5,917,116	06/29/99	Johnson et al.			

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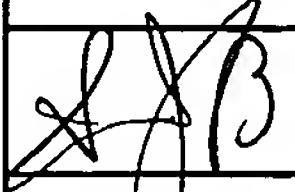


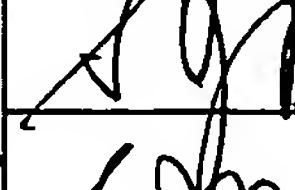
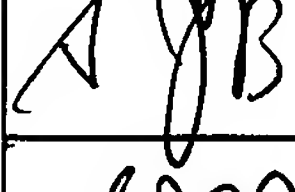
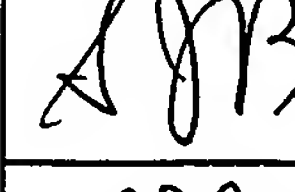


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SJB		5,989,311	11/23/99	Han et al.			
SJB		5,993,635	11/30/99	Hourn, et al.			
SJB		6,027,543	02/22/00	Yoshizaki et al.			
SJB		Re. 36,118	03/02/99	Cupertino et al.			
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SJB		0219785	Dec., 1958	AU			
SJB		WO 01/00889	Jan., 2001	WO			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
SJB		G. M. Ritcey, et al., "Solvent Extraction, Principles and Applications to Process Metallurgy," Part II, 1979, pp. 218-221, no month.					
SJB		Jan Szymanowski, Ph. D., "Hydroxyoximes and Copper Hydrometallurgy," CRC Press, 6 pages, no date.					
SJB		Dalton, et al., "The CUPREX Process--a new chloride-based hydrometallurgical process for the recovery of copper from sulphidic ores," 11 pages, 1987, no month.					
SJB		Evans, et al., "International Symposium of Hydrometallurgy," Mar. 1, 1973, 2 pages.					
SJB		Duyesteyn, et al., "The Escondida Process for Copper Concentrates," 1998, no month.					
<b>EXAMINER</b> <div style="font-size: 2em; font-family: cursive;">SJB02</div>				<b>DATE CONSIDERED</b> <div style="font-size: 1.5em; font-family: cursive;">6-12-06</div>			
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		King, et al., "The Total Pressure Oxidation of Copper Concentrates," 1993, no month.					
		King, J. A., "Autoclaving of Copper Concentrates," paper from COPPER 95, vol. III: Electrorefining and Hydrometallurgy of Copper, International Conference held in Santiago, Chile, Nov. 1995.					
		Mackiw, V. N., "Direct Acid Pressure Leaching of Chalcocite Concentrate," vol. 19, No. 2, Feb. 1967.					
		Hirsch, H. E., "Leaching of Metal Sulphides," Patents, UK, No. 1,598,454, 1981, 7 pages, no month.					
		Chimielewski, T., "Pressure Leaching of a Sulphide Copper Concentrate with Simultaneous Regeneration of the Leaching Agent," Hydrometallurgy, vol. 13, No. 1, 1984, pp. 63-72, no month.					
		Dannenberg, R. O., "Recovery of Cobalt and Copper From Complex Sulfide Concentrates," Government Report, 20 pages, Report No. BM RI 9138, U.S. Dept. of the Interior, 1987, no month.					
		Berezowsky, R.M.G.S., "The Commercial Status of Pressure Leaching Technology," JOM, vol. 43, No. 2, 1991, pp. 9-15, no month.					
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AJB		Hacki, R. P., "Effect of Sulfur-Dispersing Surfactants on the Oxygen Pressure Leaching of Chalcopyrite," paper from COPPER 95, vol. III, pp. 559-577, Met Soc of CIM, Nov. 1995.					
AJB		Hackl, R.P., "Passivation of Chalcopyrite During Oxidative Leaching in Sulfate Media," Hydrometallurgy, vol. 39, pp. 25-48, 1995, no month.					
AJB		L.W. Beckstead, et al, "Acid Ferric Sulfate Leaching of Attritor-Ground Chalcopyrite Concentrate," vol. II, Extractive Metallurgy of Copper, Chapter 31, pp. 611-632, no date.					
AJB		King, et al., paper entitled: "The Total Pressure Oxidation of Copper Concentrates," vol. I, Fundamental Aspects, 1993, no month.					
AJB		Dreisinger, D. B., "Total Pressure Oxidation of El Indio Ore and Concentrate," COPPER 1999, Fourth International Conference, Phoenix, Arizona, USA, Oct. 1999.					
AJB		Richmond, G. D., "The Commissioning and Operation of a Copper Sulphide Pressure Oxidation Leach Process at Mt. Gordon," ALTA COPPER 1999: Copper Sulphides Symposium & Copper Hydrometallurgy Forum, Gold Coast, Queensland, Australia Conference, 1999, no month.					
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		International Preliminary Examination Report, dated Dec. 17, 2002, for PCT/US01/23468.					
		Written Opinion from European Patent Office--for PCT/US01/23468, Jul. 17, 2002.					
		<del>B. KENNEDY et al; Data taken from 1995 Survey entitled "Copper Leaching, Solvent Extraction, and Electrowinning Technology", pp 41-91, 1999, Littleton, Colorado, USA.</del>					
		D. J. BUTCHER et al., "The Development of a Pressure Oxidation Flowsheet for the Guelb Moghreïn Project, Mauritania" pp 1-38, 1998, Copper Sulphides Symposium, Brisbane, Australia					
09/05/2002 		Opposition to CL 1766-2001 by Anglo American, PLC (with accompanying English translation of substantive assertions)					
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